

We hereby certify that the test results presented here are accurate and conform to the reported grade specification

CMC STEEL SOUTH CAROLINA
 310 New State Road
 Cayce SC 29033-3704



CERTIFIED MILL TEST REPORT
 For additional copies call
 800-227-6489



Curtis G. Glenn.
 Quality Assurance Manager

1SERIES-BPS®

HEAT NO.: 2099901	Delivery#: 85315132
SECTION: SQUARE 1/2 x 20'0" A36/52950	BOL#: 75200698
GRADE: ASTM A36-19/A529-14 Gr50	CUST PO#: 4500545355
ROLL DATE: 11/30/2022	CUST P/N: 851620
MELT DATE: 11/24/2022	DLVRY LBS / HEAT: 5032.000 LB
Cert. No.: 85315132 / 099901D109	DLVRY PCS / HEAT: 296 EA
7855872282	9037591859

Characteristic	Value	Characteristic	Value
C	0.13%	Elongation Gage Lgth test 1	8IN
Mn	0.65%	Yield to tensile ratio test1	0.74
P	0.014%	Yield Strength test 2	55.3ksi
S	0.009%	Tensile Strength test 2	73.5ksi
Si	0.20%	Elongation test 2	25%
Cu	0.34%	Elongation Gage Lgth test 2	8IN
Cr	0.24%	Yield to tensile ratio test2	0.75
Ni	0.13%	C+(Mn/6)	0.24%
Mo	0.036%		
V	0.000%		
Cb	0.011%		
Sn	0.010%		
Al	0.002%		
B	0.0001%		
Ti	0.001%		
N	0.0077%		
Carbon Eq A529	0.36%		
Yield Strength test 1	55.5ksi		
Tensile Strength test 1	75.0ksi		
Elongation test 1	23%		

The Following is true of the material represented by this MTR:
 *Material is fully killed and is Hot Rolled Steel
 *100% melted, rolled, and manufactured in the USA
 *EN10204:2004 3.1 compliant
 *Contains no weld repair
 *Contains no Mercury contamination
 *Manufactured in accordance with the latest version of the plant quality manual
 *Meets the "Buy America" requirements of 23 CFR635.410, 49 CFR 661
 *Warning: This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

REMARKS : ALSO MEETS ASTM GRADE A36, A529 GR.50, A572 GR.50, A709 GR.36, A709 GR.50, A992, AASHTO GRADE M270 GR.36, M270 GR.50, CSA G40.21-04 GRADE 44 W,50W,ASME SA-36